

*Multi*

OUT59849

1966 SEP 19 02 03Z

19 SEP 1966

P 190053Z SEP 66  
 FM NPIC WASHDC  
 TO RUCBCR/CG EIGHTEENTH AIRBORNE  
 RUCBCR/CG USA SPWARCEN FT BRAGG NC  
 RUCBCR/CONTIC, FORT BRAGG, N.C.  
 RUCIFTA/ACIC ST LOUIS MO  
 RUCKEHB/2ND MARDIV, CP LEJUNE, NC  
 RUCKEK/2ND MAW, CHERRY POINT, NC  
 RUCKHC/CINCLANT  
 RUCKHC/CINCLANTFLT  
 RUCKHC/LANTINTCEN  
 RUCKHD/CG FMFLANT  
 RUCKKN/MAG THREE TWO, BEAUFORT, SC  
 RUCKUA/JARCC KEY WEST  
 RUCKUD/CMDR KEY WEST FORCES  
 RUCSC/SAC OFFUTT AFB OMAHA NEB  
 RUCSC/544TH AEROSPACE RTECHWG OFFUTT AFB OMAHA NEB  
 RUCVAA/4080TH STRAT WG OL 19 BARKSDALE AFB LA  
 RUEDPSA/CINCSTRIKE MACDILL AFB FLA  
 RUEDFIF/FID WPAFB DAYTON OHIO  
 RUEDNBA/COMDR TAC LAFBVA  
 RUEDNBA/4444TH RTS LAFBVA  
 RUEDHQA/HQS USAF WASHDC  
 RUEKDA/DIA WASHDC/CIIC-3-A-2  
 RUEKDA/DIA PROD CTR  
 RUEKDA/NIC WASHDC  
 RUECD/FSTC WASHDC  
 RUECEM/CMC (CODE AO-2C)  
 RUECW/CNO WASHDC  
 RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD  
 RUEKC/ANMCC FT RITCHIE MD  
 RUEKDA/JCS/J-2 WASHDC  
 RUEKMJ/NEACP ANDREWS AFB MD  
 RUEOBNA/USAINIC/USAPIC, FT HOLABIRD, MD  
 RUEPCR/DIRNSA  
 RUEPDA/ACSI DA WASHDC  
 RUEPIA/CIA WASHDC  
 RULNC/NECPA NORFOLK VA  
 RULGGB/NAS GTMO (FOR AIO)  
 RULGGCR/COMNAVBASE GTMO  
 RULGN/COMCARIBSEAFRON  
 RUWONLB/CINCONAD ENT AFB COLO  
 RUWPSW/CO WHITE SANDS MISSILE RANGE  
 RUWTPSA/363RD TAC RECON WG SHAW AFB SC  
 RUWGGN/MONTGOMERY AIR DEF SECTOR GUNTER AFB ALA  
 RUWTRJA/4409TH SUPPORT SQD MACDILL AFB FLA

Declassification Review by NGA/DoD

BT  
SECRET CITE NPIC 8512.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO GLASS LAMP MISSION 8122.)

SECRET

--END OF MESSAGE--

S/C NOTE:: ALSO PASSED

SECRET

25X1

## PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8122, 17 SEP 66.  
THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE  
COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE  
 APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--  
 C @CLEAR#, SC @SCATTERED CLOUD COVER#, HC @HEAVY CLOUD COVER#,  
 H @HAZE#, CS @CLOUD SHADOW#, SD @SEMI-DARKNESS#, GC  
 @GROUND COVER#, CF @CAMOUFLAGE#, O @OBliquity#, AND  
 GR @GROUND RESOLUTION#.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS  
 G @GOOD#, F @FAIR#, OR P @POOR#. THE EXTENT OF  
 TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL#  
 OR PT @PARTIAL#. THE MODE OF COVERAGE IS SIGNIFIED  
 BY ST @STEREO#, NS @NONSTEREO#, OR PS @PARTIAL STEREO#.

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES --  
 LIGHT @ZPU-2, ZPU-4, AND 37MM#, MEDIUM @57MM AND 85MM#, AND HEAVY  
 @100MM AND LARGER#. WHERE SUCH A CATEGORY CANNOT BE DETERMINED,  
 THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS  
 INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED#.

## MISSILES

HOLGUIN SAM SITE R27-2 CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES#, 9 MISSILE  
 TRANSPORTERS @6 WITH EXPOSED MISSILES#, AND A GUIDANCE  
 RADAR WITH 6 ASSOCIATED VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

MALDONADO SAM SITE A18-2 CU 2012N 07528W

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES#, 8 MISSILE  
 TRANSPORTERS @2 WITH EXPOSED MISSILES#, AN OCCUPIED  
 GUIDANCE EQUIPMENT WITH RADAR AND 6 ASSOCIATED VAN  
 TRAILERS, AND 16 TRACKED PRIME MOVERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

RANCHUELO SAM SITE A33-2 CU 2223N 08010W

CONSTRUCTION CONTINUES ON GUIDANCE AREA AT PERMANENT  
 SITE.

OB @AT TEMPORARY SITE -- 5 EMPLACED LAUNCHERS @2 WITH  
 MISSILES#, 12 MISSILE TRANSPORTERS, GUIDANCE RADAR WITH  
 6 VAN TRAILERS, 11 TRUCK TRACTORS, 2 VAN TRUCKS, 4  
 UTILITY TRUCKS, AND 3 OTHER VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 04000W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.

OB @AT PERMANENT SITE -- 12 MISSILE TRANSPORTERS @3  
 WITH EXPOSED MISSILES#, 3 TRUCK TRACTORS, 1  
 TRUCK-MOUNTED CRANE, AND 9 SETS OF BOGIE WHEELS.

OB @AT ADJACENT TEMPORARY SITE -- 6 EMPLACED LAUNCHERS  
 @3 WITH MISSILES# AND A CENTRAL GUIDANCE RADAR WITH 6  
 ASSOCIATED VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED LIGHT AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS @2 WITH PROABLE MISSILES#,  
 8 MISSILE TRANSPORTERS, A GUIDANCE AREA WITH  
 SHED-COVERED EQUIPMENT, AND 3 OTHER VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

OR -- AT L Approved For Release 2008/03/31 : CIA-RDP78B04558A001600010047-3  
HAZE AND ORLIQUITY LIMIT INTERPRETATION.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W  
PERMANENT SITE REMAINS UNDER CONSTRUCTION.  
OB RAT TEMPORARY SITE -- 5 EMPLACED LAUNCHERS Q4 WITH  
MISSILEFS#, 12 MISSILE TRANSPORTERS Q2 WITH EXPOSED  
MISSILESH#, GUIDANCE RADAR WITH 6 VAN TRAILERS, 11 TRUCK  
TRACTORS, AND 3 OTHER VAN TRAILERS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W  
OB -- 6 EMPLACED LAUNCHERS Q3 WITH EXPOSED MISSILESH#, 9  
MISSILE TRANSPORTERS Q2 WITH EXPOSED MISSILESH#, A  
PROBABLE FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS,  
3 ADDITIONAL VAN TRAILERS, AND 3 OTHER VEHICLES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W  
OB -- 5 MISSILE TRANSPORTERS, 14 CARGO TRUCKS, AND  
NUMEROUS MISSILE CANISTERS.  
HAZE AND ORLIQUITY LIMIT INTERPRETATION.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SAN PEDRO DE CACOCUM SAM SITE 1 CU 2047N 07615W  
OB -- 6 EMPLACED LAUNCHERS Q3 WITH MISSILESH#, 11  
MISSILE TRANSPORTERS, A GUIDANCE RADAR WITH 6  
ASSOCIATED VAN TRAILERS, AND AT LEAST 7 VEHICLES.  
ACTIVITY -- A TOKEN/RADAR LOCK RADAR WITH 6 ASSOCIATED  
VANS/PIECES OF EQUIPMENT IS ADJACENT TO THE SAM SITE AT  
UTM 18QUT686989 Q24-47-12N 076-15-42W#.   
AMS SERIES E723, SHEET 4978 III, 1ST ED.

25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W  
LAUNCH AND SUPPORT FACILITIES REMAIN UNDFR  
CONSTRUCTION.  
HAZE AND ORLIQUITY LIMIT INTERPRETATION.

25X1

LA MAYA SAM SITE CU 2014N 07549W  
LAUNCH AND SUPPORT FACILITIES REMAIN UNDER  
CONSTRUCTION.  
NO MISSILE-ASSOCIATED VEHICLES OR PIFCES OF EQUIPMENT  
OBSERVED.

25X1

AIR FACILITIES  
CAMTLO CIENFUEGOS AIRFIELD CU 2229N 07956W  
OB -- 20 FAGOT/FRESCO, 2 LIAISON, AND 11 HOUND Q1  
WITHOUT ROTORS#.

25X1

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W  
OB -- 1 CRATE, 1 LIAISON, AND 1 HOUND.

25X1

HOLGUIN AIRFIELD CU 2047N 07618W  
OB -- AT LEAST 3 FAGOT/FRESCO, 1 CRATE, 1 SMALL  
LIAISON, AND 3 HOUND OBSRVED IN CLOUD-FREE AREAS.

25X1

LOS CANOS AIRFIELD CU 2005N 07509W  
OB -- NONE OBSRVED.

25X1

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BAYAMO AIRFIELD EAST CU 2222N 07637W  
OB -- 7 COIT AND 3 LIAISON.

25X1

CAIBARIEN AIRFIELD CU 2230N 07928W  
OB -- NONE OBSERVED.

25X1

BAYAMO AIRFIELD CU 2223N 07637W  
OB -- NONE OBSERVED.

25X1

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W  
OB -- NONE OBSERVED.  
OTHER VESSELS -- 3 LARGE FREIGHTERS AND 1 COASTAL TANKER.

25X1

MANZANILLO PORT CU 2021N 07707W

VESSELS -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1

LA ISABELA PORT CU 2256N 08000W  
VESSELS -- NONE OBSERVED.

25X1

CAIBARIEN PORT CU 2231N 07928W  
VESSELS -- NONE OBSERVED.

25X1

ELECTRONICS/COMMUNICATIONS

SANTA CLARA FW/GCI RADAR SITE CU 2229N 07956W  
OB -- 1 TOKEN/RADAR LOCK AND 1 PROBABLY ROCK CAKE/STONE CAKE RADAR.

25X1

SANTIAGO DE CUBA FW/GCT RADAR SITE CU 1959N 07551W  
OB -- NONE OBSERVED.

25X1

ACTIVITY -- 15 TRACKED PRIME MOVERS AND 36 CARGO TRUCKS.

25X1

SAGUA LA GRANDE FW/GCI RADAR SITE 2 CU 2248N 08006W  
OB -- NONE OBSERVED.

ACTIVITY -- 4 VAN TRUCKS.

25X1

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W  
OB -- 6 FA PIECES, 6 AAA PIECES, AND 128 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

DOS CAMINOS MILITARY CAMP CU 2014N 07547W  
OB -- 35 FA PIECES, 32 AAA PIECES, 35 TRACKED PRIME MOVERS, AND 21 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANTANAMO AREA - CU 2018N 07525W

AREA 1 -- 30 PERCENT USEABLE COVERAGE.

AREAS 2 AND 6 -- 65 PERCENT USEABLE COVERAGE.

AREA 3 -- 15 PERCENT USEABLE COVERAGE.

AREA 4 -- 35 PERCENT USEABLE COVERAGE.

AREA 5 -- 40 PERCENT USEABLE COVERAGE. OB RAT MILITARY CAMP AT UTM 180VT660254H -- 5 FA PIECES, 6 MORTARS AND 7 CARGO TRUCKS.

AREAS 7 AND 8 -- 80 PERCENT USEABLE COVERAGE.

AREA 9 -- 15 PERCENT USEABLE COVERAGE.

25X1

HOLGUIN MILITARY CAMP CU 2005N 07617W

OB -- AT 180VT660254H -- 5 FA PIECES, 6 MORTARS AND 7 CARGO TRUCKS.

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CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W  
OB -- 18 PROBABLE CARGO TRUCKS AND 14 UNIDENTIFIED  
PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

REMEDIOS MILITARY AREA CU 2227N 07935W  
OB -- 34 TANKS/SP GUNS, 5 FA PIECES, 6 AAA PIECES, 9  
MORTARS, 230 CARGO TRUCKS, AND AT LEAST OTHER  
VEHICLES OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMAGUEY MILITARY CAMP CU 2126N 07753W  
OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CORRALILLO MILITARY AREA CU 2301N 08038W  
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CUARITAS MILITARY CAMP CU 2003N 07548W  
OB -- 7 TANKS/SP GUNS, 9 PROBABLE TRACKED VEHICLES, AND  
5 OTHER VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

EL CRISTO MILITARY INSTALLATION CU 2008N 07547W  
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W  
OB -- 4 PROBABLE MORTARS AND 30 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

PUERTO PADRE MILITARY AREA CU 2111N 07639W  
OB -- 6 FA PIECES, 4 AAA PIECES, 19 CARGO TRUCKS, AND  
11 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA ARTILLERY TRAINING AREA CU 2222N 08000W  
OB -- APPROXIMATELY 12 VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY ACTIVITY CU 2220N 07957W  
OB -- 5 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY CAMP SOUTH CU 2222N 07958W  
OB AREA 1 -- 28 CARGO TRUCKS. AREA 2 --  
CLOUD-COVERED.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL FINCA MILITARY CAMP CU 2005N 07528W  
CAMP HAS BEEN ABANDONED.  
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W  
OB -- 35 CARGO TRUCKS AND 15 VEHICLES/PIECES OF  
EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

OB -- 33 F Approved For Release 2008/03/31 : CIA-RDP78B04558A001600010047-3  
CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

LA CHARCA MILITARY ACTIVITY CU 2246N 08036W

OB -- 19 FA PIECES AND 48 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.

BUILDINGS AND DRIVE-THROUGH BUNKERS REMAIN UNDER CONSTRUCTION.

25X1

SIRONEY LANDING BEACH CU 1957N 07542W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

NICARO LANDING BEACH CU 2042N 07533W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1

GANUZA LANDING BEACH CU 2305N 08030W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1

MATAGUA MILITARY CAMP CU 2215N 08002W

FACILITIES INCLUDE 8 BARRACKS, 1 ADMINISTRATION, 2 STORAGE, AND 4 SUPPORT BUILDINGS, 3 SMALL SHEDS, AND A DRIVER-TRAINING AREA.

OB -- 41 CARGO TRUCKS.

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

SAN MIGUEL EW/GCI RADAR SITE 2229N 07953W

PLAYA YATERITAS LANDING REACH 1958N 07457W

MAR VERDE LANDING BEACH 1957N 07556W

IMIAS LANDING REACH 2005N 07440W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

LOS ANGELES SAM SITE A06-2 2100N 07541W

CONSTANCIA SAM SITE A10-2 2214N 08030W

CIENFUEGOS NAVAL BASE 2208N 08027W

HOLGUIN EW/GCI RADAR SITE 2048N 07618W

PUNTA MAISI LOW SIEVE RADAR SITE 2014N 07409W

LA SOCAPA LOW SIEVE RADAR SITE 1958N 07552W

LOS ANGELES RADAR SITE 1 2100N 07541W

OFELIA MILITARY CAMP 2006N 07530W

SANTA CLARA MILITARY CAMP CUBANACAN 2224N 07952W

LAS MERCEDES VEHICLE PARK 2224N 08001W

MOA @PUNTA GORDA# LANDING BEACH 2039N 07453W

MOA @CANANOVA# LANDING BEACH 2039N 07502W